



# Jefferson Lab Alignment Group

## Data Transmittal

**TO:** Dave Gaskel, Neil Okay, Jay Benesch, Yan Wang

**DATE:** 08 May 2006

**FROM:** Jim Dahlberg

**Checked:** KT

**# :** C1057

**DETAILS:**

data: m:\align\data\step2b\HALLC\GZero\060501a

Below are the results of the May 1<sup>st</sup> survey performed on the Hall C G0 diagnostic and halo girders prior to removal of HKS.

The  $\Delta X$  and  $\Delta Y$  are in the beam following coordinate system with units in millimeters. A +X value is to the beam left and a +Y being higher than ideal. The  $\Delta Z$  values are relative to the ideal Hall C pivot center.

LOCATION	$\Delta X$	ENCODER	$\Delta Y$	ENCODER	$\Delta Z$ (M)
IHM3HG0	0.42		-0.08	6.03 $\emptyset$ : 5.831 $\Omega$ , 10.88 $\emptyset$ : 4.206 $\Omega$	10.730
IBC3HG0Z	2.20		-0.38		12.226
IPM3HG0A	0.75		-0.37		13.207
IHA3HG0	0.21	65C8, DEE8	-0.10	9D4D	13.460
BPMB0X	0.54		-0.18		14.463
IOR3HG0	2.74		-1.43		15.265
IHA3HG0A	0.42	7E5E, F2BA	-0.09	ABFA	15.501
IPM3HG0B	0.33		-0.37		15.758